

Title (en)
METHOD FOR PERFORMING CHANNEL ESTIMATION IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR

Title (de)
VERFAHREN ZUR DURCHFÜHRUNG EINER KANALSCHÄTZUNG IN EINEM DRAHTLOSKOMMUNIKATIONSSYSTEM UND VORRICHTUNG DAFÜR

Title (fr)
PROCÉDÉ POUR L'EXÉCUTION D'UNE ESTIMATION DE CANAL DANS UN SYSTÈME DE COMMUNICATIONS SANS FIL, ET APPAREIL ASSOCIÉ

Publication
EP 3726904 A1 20201021 (EN)

Application
EP 19847067 A 20190812

Priority

- US 201862716991 P 20180810
- US 201962827234 P 20190401
- US 201962830528 P 20190407
- KR 2019010230 W 20190812

Abstract (en)
Proposed is a method for performing the channel estimation of a physical downlink control channel (PDCCH) in a wireless communication system. Specifically, The method performed by a user equipment (UE) includes transmitting, to a base station, UE capability information related to the channel estimation, receiving, from the base station, information for a PDCCH monitoring span, and performing a channel estimation based on the information for the PDCCH monitoring span, wherein the UE capability information may include information for a maximum number of control channel elements (CCEs) capable of being channel-estimated per PDCCH monitoring span.

IPC 8 full level
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CPC (source: EP KR US)
H04L 1/0038 (2013.01 - US); **H04L 25/02** (2013.01 - EP); **H04L 25/0202** (2013.01 - EP KR); **H04L 25/0204** (2013.01 - US); **H04W 8/24** (2013.01 - US); **H04W 24/08** (2013.01 - US); **H04W 28/0268** (2013.01 - US); **H04W 72/20** (2023.01 - KR); **H04W 72/23** (2023.01 - US); **H04W 72/51** (2023.01 - KR); **Y02D 30/70** (2020.08 - EP)

Cited by
US12041622B2; EP4125299A1; US11871255B2; US11956074B2; WO2023006361A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3726904 A1 20201021; **EP 3726904 A4 20210324**; **EP 3726904 B1 20230215**; CN 111758286 A 20201009; CN 111758286 B 20230811; JP 2021511716 A 20210506; JP 7209727 B2 20230120; KR 102138267 B1 20200728; KR 102444808 B1 20220919; KR 20200018397 A 20200219; KR 20210031422 A 20210319; WO 2020032774 A1 20200213

DOCDB simple family (application)
EP 19847067 A 20190812; CN 201980014510 A 20190812; JP 2020538787 A 20190812; KR 2019010230 W 20190812; KR 20197031547 A 20190812; KR 20207021260 A 20190812